Notice of Allowability	Application No.	Applicant(s)	
	09/759,685	LIN, WEN-PIN	
	Examiner	Art Unit	
	Charles R Craver	2682	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to *AMDT received 8-27-04*.

2. ☒ The allowed claim(s) is/are *1,7 and 13*.

3. ☒ The drawings filed on *12 January 2001* are accepted by the Examiner.

4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
   a) ☐ All b) ☐ Some* c) ☐ None of the:
      1. ☐ Certified copies of the priority documents have been received.
      2. ☐ Certified copies of the priority documents have been received in Application No. _____ .
      3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

   * Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.

6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
   (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
      1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
   (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.

   Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).

7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413), Paper No./Mail Date _____ .
7. ☐ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____.

DETAILED ACTION

Allowable Subject Matter

Claims 1, 7 and 13 are allowed.

The following is an examiner's statement of reasons for allowance:

Claim 1 teaches towards a method for displaying in real time the level of the power control signal at a base station in a CDMA network comprising a plurality of microcells controlled by the base station, and at least one mobile terminal served by the microcells, the method comprising obtaining the current level of the power control signal and displaying the current level of the power control signal to show in real time the level of the power control signal relative to a threshold level where a less than optimum operating condition can occur in the operation of the CDMA network, the step of displaying the current value of the power control signal comprises: displaying a line, the length of which represents the current level of the power control signal; and identifying a location along the path of the line which marks where a less than optimum operating condition can occur in the operation of the network, the step of identifying a location comprises a first fixed zone to identify a lower power threshold level, a second fixed zone to identify an upper power threshold level, wherein the line that displays the real time level of the power control signal appears as a first color if displaying desired power control levels and a second if when displaying power control levels that are not desired, the line appearing in two parts, the first part comprising a continuous line the length of which represents the actual real time level of the power control signal and the second part comprising a broken line which increases in length to indicate that the level of the

power control signal is increasing or decreases in length to indicate that the level of the power control signal is decreasing.

Claim 7 teaches a method of displaying in real time the level of the power control signals a base station in a CDMA network comprising a plurality of microcells controlled by the base station and at least one mobile terminal served by the microcells, the method comprising obtaining the current level of the power control signal, storing the obtained current level of the power control signal, obtaining at a subsequent time, a second current level of the power control signal, comparing the second current level of the power control signal with the stored level of the power control signal to determine if the level of the power control signal is increasing, decreasing or remaining unchanged; displaying the second current level of the power control signal to show the real time level of the power control signal, and indicating whether the level of the power control signal is increasing, decreasing or remaining unchanged wherein the step of displaying the level of the power control signal comprises: a line, the length of which represents the real time level of the power control signal; and setting a threshold location to which the line can approach, the location marking a level beyond which a less than optimum operating condition can occur in the operation of the network, the step of setting a threshold location comprises setting a first threshold location to identify a lower power threshold level and a second threshold location to identify an upper power threshold level, wherein the line that displays the real time level of the power control signal is a first color if the level of the power control signal is between the lower and upper power threshold levels and a second color if the level of the power control signal is below the

lower threshold level or above the upper threshold level, the line having two parts, the first part comprising a continuous line the length of which represents the actual real time level of the power control signal and the second part comprising a dotted line which slowly increases and rapidly decreases in length from the end of the first part to indicate that the level of the power control signal is increasing.

Claim 13 teaches towards a method of displaying in real time the level of the power control signals a base station in a CDMA network comprising a plurality of microcells controlled by the base station and at least one mobile terminal served by the microcells, the method comprising obtaining the current level of the power control signal, storing the obtained current level of the power control signal; obtaining at a subsequent time, a second current level of the power control signal; comparing the second current level of the power control signal with the stored level of the power control signal to determine if the level of the power control signal is increasing, decreasing or remaining unchanged; displaying the second current level of the time level of the power control signal; and power control signal to show the real indicating whether the level of the power control signal is increasing, decreasing or remaining unchanged, wherein the step of displaying the level of the power control signal comprises: a line, the length of which represents the real time level of the power control signal; and setting a threshold location to which the line can approach, the location marking a level beyond which a less than optimum operating condition can occur in the operation of the network, the step of setting a threshold location comprises setting a first threshold location to identify a lower power threshold level and a second threshold

location to identify an upper power threshold level, wherein the line that displays the real time level of the power control signal is a first color if the level of the power control signal is between the lower and upper power threshold levels and a second color if the level of the power control signal is below the lower threshold level or above the upper threshold level, the line having two parts, the first part comprising a continuous line the length of which represents the actual real time level of the power control signal and the second part comprising a dotted line which slowly decreases and rapidly increases in length from the end of the first part to indicate that the level of the power control signal is decreasing.

Claims 1, 7 and 13 disclose a series of steps which are neither taught nor suggested by the prior art.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Charles R Craver whose telephone number is 571-272-7849. The examiner can normally be reached on M-F 8:00-5:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Vivian Chin can be reached on 571-272-7848. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

CC
May 2, 2005

5/2/05
CHARLES CRAVER
PRIMARY EXAMINER